

## **ABSTRACT**

A method and system for managing inverse multiplexing over ATM is disclosed.

In one embodiment, a method for use in a digital communications network, comprises monitoring a plurality of links to determine state changes of the links. An IMA-ID check  
5 is enforced when an insufficient links state is reached. The IMA-ID check is relaxed when all the links are in an error state. An IMA-ID check is re-enforced when at least one link of the plurality of links recovers from an error state .